

## Y/YKS 系列 10KV 三相异步电动机 ( H400~630 )



**陕西利特西玛电机科技有限公司**

Shaanxi Lite Simo Electric Motor Technology Co., Ltd

## Y、YKS系列10kV三相异步电动机 (中心高400~630)

### 概述 Brief description

Y.YKS系列10kV 三相异步电动机 (中心高400~630) 为笼型转子三相异步电动机。是按照JB/T10446-2004技术条件生产的。Y系列该电动机的防护等级为IP23, 冷却方法为IC01。YKS系列电动机的防护等级为IP44/IP54, 冷却方法为IC81W。

本系列电动机具有高效、节能、噪音低、振动小、重量轻、性能可靠、安装维修方便等优点。

本系列电动机可作驱动各种不同机械之用。如通风机、压缩机、水泵、破碎机、切削机床及其它设备, 并可供煤矿、机械工业、发电厂及各种工矿企业作原动机之用。

本系列电动机结构及安装型式为IMB3, 额定是以连续工作制(S1)为基础的定额, 电动机的额定频率为50Hz, 额定电压为10kV, 其它电压等级或特殊要求, 在订货时可与用户共同商订。

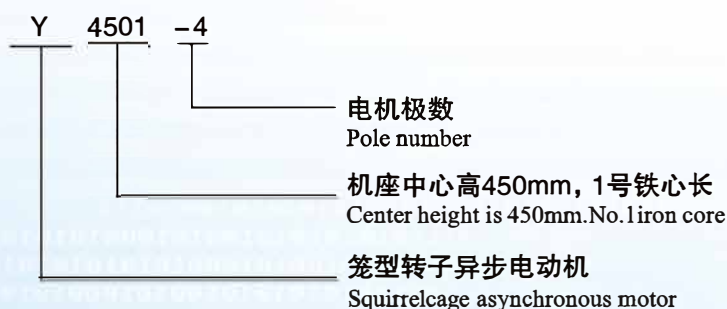
Y.YKS series (10kV) motor is of squirrel cage three phase asynchronous motor, which produced according to JB/T10446-2004(center height from 400mm to 630mm). The protection degree of the Y series motor is of IP23 and the cooling method is of IC01 and the YKS series motor is of IP44/IP54, cooling method is of ICW81A.

The motor has such advantage as high efficiency, energy saving, low noise, low vibration, light weight and reliable performance. They are easy for installation and maintenance.

This motor is used to drive various mechanical equipments such as blowers, compressors, pumps, crushers, stock removing machines. It can serve as the prime movers in coalmines, mechanical industries, power plants and various industrial enterprises.

The structure and the mounting type is of IMB3 with continuous duty(S1).The rated frequency is 50Hz and the rated voltage is 10kV, other voltage requirement or special requirements should be negotiate with the manufacturer before order is placed.

### 型号含义 The meaning of type



## 技术数据见表1

Technical Data see Appendix 1

## 外形安装尺寸Y系列见表2，YKS系列见表3

Mounting and Contour Dimensions Y series in Appendix 2, YKS series in Appendix 3

## 定货须知（用户订货时须注明如下要求）

When ordering , the following requirement should be specified

|                              |                                  |
|------------------------------|----------------------------------|
| ◎电机型号：（ Y4501-4 ）            | Frame size such as: （ Y4501-4 ）  |
| ◎额定功率：（ 355kW ）              | Rated power: （ 355kW ）           |
| ◎额定电压：（ 10000V ）             | Rated Voltage: （ 10000V ）        |
| ◎额定频率：（ 50Hz ）               | Rated Frequency: （ 50Hz ）        |
| ◎同步转速：（ 1500r/min ）          | Synchronous Speed: （ 1500r/min ） |
| ◎安装方式：（ IMB3 ）               | Mounting Type: （ IMB3 ）          |
| ◎防护等级：（ IP23 ）               | Protection Degree: （ IP23 ）      |
| ◎冷却方式：（ IC01 ）               | Cooling Method: （ IC01 ）         |
| ◎绝缘等级：（ F级 ）                 | Insulation Class: (Class F)      |
| ◎环境条件：海拔（ 1000m ）环境温度（ 40℃ ） |                                  |

Ambient Conditions: altitude should not be over 1000 meters above sea level, the vary of ambient temperature should not exceed 40℃

**注：2、4极电机禁止用皮带轮传动；其他极数若需皮带轮传动应与制造商协商。**

Note: Belt driving is not allowed on the motor of 2 poles and 4 poles.

Belt driving applied on the motor of other poles, should be negotiated with manufacturer.



表1

| 型 号<br>Type | 额定功率<br>kW<br>Rated Power | 额定电流<br>A<br>Rated Current | 转 速<br>r/min<br>Speed | 效 率<br>%<br>Efficiency | 功率<br>因数<br>cos φ<br>Power Factor | 最大转矩<br>Max.torque<br>额定转矩<br>Rated torque | 堵转转矩<br>Locked torque<br>额定转矩<br>Rated torque | 堵转电流<br>Locked current<br>额定电流<br>Rated current | J(电机)<br>Kg·m <sup>2</sup><br>(Motor) | J(负载)<br>kg·m <sup>2</sup><br>(Load) | 质量 kg  |             | 加油周期<br>h<br>Lubrication<br>Time |
|-------------|---------------------------|----------------------------|-----------------------|------------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------|-------------------------------------------------|---------------------------------------|--------------------------------------|--------|-------------|----------------------------------|
|             |                           |                            |                       |                        |                                   |                                            |                                               |                                                 |                                       |                                      | Y Mass | YKS<br>Mass |                                  |
| Y.YKS4001-2 | 220                       | 16.3                       | 2975                  | 92.8                   | 0.84                              |                                            |                                               |                                                 | 2.0                                   | 16                                   | 2250   | 2452        | 500                              |
| Y.YKS4002-2 | 250                       | 18.3                       |                       | 92.9                   | 0.85                              |                                            |                                               |                                                 | 2.3                                   | 18                                   | 2450   | 2507        |                                  |
| Y.YKS4003-2 | 280                       | 20.4                       |                       | 93.2                   |                                   |                                            |                                               |                                                 | 2.8                                   | 20                                   | 2380   | 2594        |                                  |
| Y.YKS4004-2 | 315                       | 22.6                       |                       | 93.5                   |                                   |                                            |                                               |                                                 | 0.86                                  | 3.0                                  | 22     | 2450        |                                  |
| Y.YKS4501-2 | 355                       | 25.1                       |                       | 93.8                   | 0.87                              |                                            |                                               |                                                 | 4.2                                   | 24                                   | 3040   | 3340        |                                  |
| Y.YKS4502-2 | 400                       | 28.2                       |                       | 94.1                   |                                   |                                            |                                               |                                                 | 4.5                                   | 27                                   | 3110   | 3410        |                                  |
| Y.YKS4503-2 | 450                       | 31.7                       |                       | 94.3                   |                                   |                                            |                                               |                                                 | 4.8                                   | 30                                   | 3170   | 3470        |                                  |
| Y.YKS4504-2 | 500                       | 35.1                       |                       | 94.4                   |                                   |                                            |                                               |                                                 | 6.5                                   | 33                                   | 3240   | 3540        |                                  |
| Y.YKS4505-2 | 560                       | 39.3                       |                       | 94.5                   |                                   |                                            |                                               |                                                 | 7.0                                   | 36                                   | 3300   | 3600        |                                  |
| Y.YKS4506-2 | 630                       | 44.2                       |                       | 94.6                   |                                   |                                            |                                               |                                                 | 7.5                                   | 39                                   | 3400   | 3700        |                                  |
| Y.YKS5001-2 | 710                       | 49.2                       | 2970                  | 94.7                   | 0.88                              | 1.8                                        | 0.6                                           | 7.0                                             | 12.3                                  | 43                                   | 3850   | 5320        |                                  |
| Y.YKS5002-2 | 800                       | 55.4                       |                       | 94.8                   |                                   |                                            |                                               |                                                 | 13.3                                  | 51                                   | 4740   | 5420        |                                  |
| Y.YKS5003-2 | 900                       | 62.2                       |                       | 94.9                   |                                   |                                            |                                               |                                                 | 14.3                                  | 55                                   | 4070   | 5540        |                                  |
| Y.YKS5004-2 | 1000                      | 69.1                       |                       | 95.0                   |                                   |                                            |                                               |                                                 | 15.5                                  | 57                                   | 4200   | 5010        |                                  |
| Y.YKS5005-2 | 1120                      | 77.2                       |                       | 95.2                   | 17                                |                                            |                                               |                                                 | 58                                    | 4350                                 | 5690   |             |                                  |
| Y.YKS5601-2 | 1250                      | 85.0                       |                       | 95.4                   | 22                                |                                            |                                               |                                                 | 67                                    | 6000                                 | 6570   | 0.89        |                                  |
| Y.YKS5602-2 | 1400                      | 95.1                       |                       | 95.5                   | 23                                |                                            |                                               |                                                 | 73                                    | 6380                                 | 6950   |             |                                  |
| Y.YKS5603-2 | 1600                      | 108.6                      |                       | 95.6                   | 26                                |                                            |                                               |                                                 | 80                                    | 6700                                 | 7270   |             |                                  |
| Y.YKS6301-2 | 1800                      | 120.6                      |                       | 95.7                   | 33                                |                                            |                                               |                                                 | 86                                    | 7520                                 | 8320   |             |                                  |
| Y.YKS6302-2 | 2000                      | 133.9                      |                       | 95.8                   | 36                                |                                            |                                               |                                                 | 92                                    | 7830                                 | 8630   |             |                                  |
| Y.YKS6303-2 | 2240                      | 149.7                      | 96.0                  |                        | 40                                | 96                                         | 8150                                          | 8950                                            |                                       |                                      |        |             |                                  |
| Y.YKS4001-4 | 220                       | 16.3                       | 1490                  | 92.5                   | 0.84                              | 1.8                                        | 0.7                                           | 7.0                                             | 6.3                                   | 37                                   | 2120   | 2380        | 1000                             |
| Y.YKS4002-4 | 250                       | 18.3                       |                       | 92.7                   | 0.85                              |                                            |                                               |                                                 | 6.8                                   | 38                                   | 2180   | 2440        |                                  |
| Y.YKS4003-4 | 280                       | 20.5                       |                       | 92.9                   |                                   |                                            |                                               |                                                 | 7.3                                   | 40                                   | 2240   | 2500        |                                  |
| Y.YKS4004-4 | 315                       | 22.7                       |                       | 93.1                   |                                   |                                            |                                               |                                                 | 7.8                                   | 42                                   | 2300   | 2560        |                                  |
| Y.YKS4501-4 | 355                       | 25.5                       |                       | 93.3                   | 0.86                              |                                            |                                               |                                                 | 9.8                                   | 47                                   | 2810   | 3062        |                                  |
| Y.YKS4502-4 | 400                       | 28.7                       |                       | 93.5                   |                                   |                                            |                                               |                                                 | 13.0                                  | 62                                   | 2860   | 3122        |                                  |
| Y.YKS4503-4 | 450                       | 32.2                       |                       | 93.9                   |                                   |                                            |                                               |                                                 | 13.3                                  | 67                                   | 2920   | 3183        |                                  |
| Y.YKS4504-4 | 500                       | 35.7                       |                       | 94.0                   |                                   |                                            |                                               |                                                 | 14.3                                  | 75                                   | 2970   | 3237        |                                  |
| Y.YKS4505-4 | 560                       | 39.9                       |                       | 94.2                   |                                   |                                            |                                               |                                                 | 15.0                                  | 80                                   | 3090   | 3406        |                                  |
| Y.YKS4506-4 | 630                       | 44.8                       |                       | 94.4                   |                                   |                                            |                                               |                                                 | 15.2                                  | 82                                   | 3190   | 3509        |                                  |
| Y.YKS5001-4 | 710                       | 49.6                       |                       | 95.0                   | 0.87                              |                                            |                                               |                                                 | 30.5                                  | 85                                   | 3900   | 4290        |                                  |
| Y.YKS5002-4 | 800                       | 55.8                       |                       | 95.1                   |                                   |                                            |                                               |                                                 | 32                                    | 92                                   | 4000   | 4400        |                                  |
| Y.YKS5003-4 | 900                       | 62.0                       |                       | 95.2                   | 0.88                              |                                            |                                               |                                                 | 33.8                                  | 100                                  | 4070   | 4477        |                                  |
| Y.YKS5004-4 | 1000                      | 68.8                       |                       | 95.3                   |                                   |                                            |                                               |                                                 | 35                                    | 115                                  | 4270   | 4697        |                                  |

表1 (续)

| 型 号<br>Type | 额定功率<br>kW<br>Rated Power | 额定电流<br>A<br>Rated Current | 转 速<br>r/min<br>Speed | 效 率<br>%<br>Efficiency | 功率<br>因数<br>cos Φ<br>Power Factor | 最大转矩<br>Max.torque<br>额定转矩<br>Rated torque | 堵转转矩<br>Locked torque<br>额定转矩<br>Rated torque | 堵转电流<br>Locked current<br>额定电流<br>Rated current | J(电机)<br>Kg·m <sup>2</sup><br>(Motor) | J(负载)<br>kg·m <sup>2</sup><br>(Load) | 质量 kg  |             | 加油周期<br>h<br>Lubrication<br>Time |
|-------------|---------------------------|----------------------------|-----------------------|------------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------|-------------------------------------------------|---------------------------------------|--------------------------------------|--------|-------------|----------------------------------|
|             |                           |                            |                       |                        |                                   |                                            |                                               |                                                 |                                       |                                      | Y Mass | YKS<br>Mass |                                  |
| Y.YKS5005-4 | 1120                      | 77.0                       | 1490                  | 95.4                   | 0.88                              | 1.8                                        | 0.7                                           | 7.0                                             | 38                                    | 130                                  | 4370   | 4807        | 1000                             |
| Y.YKS5601-4 | 1250                      | 84.9                       |                       | 95.5                   | 0.89                              |                                            |                                               |                                                 | 46.8                                  | 460                                  | 5520   | 6072        |                                  |
| Y.YKS5602-4 | 1400                      | 94.9                       |                       | 95.7                   |                                   |                                            |                                               |                                                 | 52                                    | 547                                  | 5760   | 6336        |                                  |
| Y.YKS5603-4 | 1600                      | 108.3                      |                       | 95.8                   |                                   |                                            |                                               |                                                 | 56.5                                  | 560                                  | 6000   | 6600        |                                  |
| Y.YKS6301-4 | 1800                      | 121.7                      |                       | 95.9                   | 0.89                              | 1.8                                        | 0.6                                           | 7.0                                             | 97                                    | 572                                  | 7140   | 7925        |                                  |
| Y.YKS6302-4 | 2000                      | 135.1                      |                       | 96.0                   |                                   |                                            |                                               |                                                 | 108                                   | 605                                  | 7490   | 8314        |                                  |
| Y.YKS6303-4 | 2240                      | 151.2                      |                       | 96.1                   |                                   |                                            |                                               |                                                 | 121                                   | 650                                  | 7890   | 8758        |                                  |
| Y.YKS4001-6 | 220                       | 17.0                       | 990                   | 92.1                   | 0.81                              | 1.8                                        | 0.7                                           | 6.0                                             | 15                                    | 200                                  | 2200   | 2540        | 2000                             |
| Y.YKS4002-6 | 250                       | 19.3                       |                       | 92.3                   | 0.82                              |                                            |                                               |                                                 | 15.5                                  | 217                                  | 2290   | 2630        |                                  |
| Y.YKS4003-6 | 280                       | 21.3                       |                       | 92.5                   |                                   |                                            |                                               |                                                 | 16.8                                  | 232                                  | 2380   | 2720        |                                  |
| Y.YKS4503-6 | 315                       | 23.9                       |                       | 92.8                   |                                   |                                            |                                               |                                                 | 0.83                                  | 18.3                                 | 247    | 2900        |                                  |
| Y.YKS4504-6 | 355                       | 26.5                       |                       | 93.1                   | 23                                |                                            |                                               |                                                 |                                       | 267                                  | 3000   | 3330        |                                  |
| Y.YKS4505-6 | 400                       | 29.8                       |                       | 93.3                   | 24.3                              |                                            |                                               |                                                 |                                       | 290                                  | 3070   | 3408        |                                  |
| Y.YKS4506-6 | 450                       | 33.5                       |                       | 93.5                   | 25.3                              |                                            |                                               |                                                 |                                       | 235                                  | 3140   | 3485        |                                  |
| Y.YKS5001-6 | 500                       | 37.0                       |                       | 93.9                   | 35.5                              |                                            |                                               |                                                 |                                       | 252                                  | 3830   | 4460        |                                  |
| Y.YKS5002-6 | 560                       | 40.9                       | 990                   | 94.1                   | 0.84                              | 1.8                                        | 0.7                                           | 6.0                                             | 37                                    | 285                                  | 3950   | 4580        |                                  |
| Y.YKS5003-6 | 630                       | 45.9                       |                       | 94.4                   |                                   |                                            |                                               |                                                 | 39                                    | 317                                  | 4040   | 4670        |                                  |
| Y.YKS5004-6 | 710                       | 51.6                       |                       | 94.6                   |                                   |                                            |                                               |                                                 | 40                                    | 341                                  | 4150   | 4780        |                                  |
| Y.YKS5005-6 | 800                       | 58.1                       |                       | 94.7                   |                                   |                                            |                                               |                                                 | 44                                    | 374                                  | 4150   | 4880        |                                  |
| Y.YKS5601-6 | 900                       | 64.4                       |                       | 94.9                   | 76                                |                                            |                                               |                                                 | 500                                   | 5620                                 | 6211   |             |                                  |
| Y.YKS5602-6 | 1000                      | 71.4                       |                       | 95.1                   | 82.5                              |                                            |                                               |                                                 | 540                                   | 5730                                 | 6360   |             |                                  |
| Y.YKS5603-6 | 1120                      | 79.8                       |                       | 95.3                   | 86                                |                                            |                                               |                                                 | 581                                   | 5920                                 | 6571   |             |                                  |
| Y.YKS5604-6 | 1250                      | 88.0                       |                       | 95.4                   | 93                                |                                            |                                               |                                                 | 622                                   | 6140                                 | 6815   |             |                                  |
| Y.YKS6301-6 | 1400                      | 98.2                       |                       | 95.7                   | 0.86                              |                                            | 0.6                                           |                                                 | 121                                   | 693                                  | 7390   | 7559        |                                  |
| Y.YKS6302-6 | 1600                      | 112.1                      |                       | 95.8                   |                                   |                                            |                                               |                                                 | 135                                   | 981                                  | 7130   | 7914        |                                  |
| Y.YKS6303-6 | 1800                      | 126.0                      |                       | 95.9                   |                                   |                                            |                                               |                                                 | 151                                   | 1010                                 | 7490   | 8314        |                                  |
| Y.YKS500-8C | 220                       | 18.4                       | 740                   | 92.1                   | 0.75                              | 1.8                                        | 0.7                                           | 6.0                                             | 36                                    | 690                                  | 3280   | 3630        | 2000                             |
| Y.YKS500-8B | 250                       | 20.6                       |                       | 92.3                   | 0.76                              |                                            |                                               |                                                 | 38                                    | 710                                  | 3390   | 3740        |                                  |
| Y.YKS500-8A | 280                       | 22.7                       |                       | 92.5                   | 0.77                              |                                            |                                               |                                                 | 40                                    | 730                                  | 3490   | 3840        |                                  |
| Y.YKS5001-8 | 315                       | 25.4                       |                       | 92.8                   |                                   |                                            |                                               |                                                 | 42                                    | 765                                  | 3740   | 4090        |                                  |
| Y.YKS5002-8 | 355                       | 28.6                       |                       | 93.1                   |                                   |                                            |                                               |                                                 | 45.5                                  | 795                                  | 3890   | 4240        |                                  |
| Y.YKS5003-8 | 400                       | 31.8                       |                       | 93.2                   | 0.78                              |                                            |                                               |                                                 | 48                                    | 835                                  | 4040   | 4390        |                                  |
| Y.YKS5004-8 | 450                       | 35.7                       |                       | 93.4                   |                                   |                                            |                                               |                                                 | 50                                    | 930                                  | 4190   | 4540        |                                  |
| Y.YKS5005-8 | 500                       | 39.0                       |                       | 93.8                   | 0.79                              |                                            |                                               |                                                 | 53                                    | 1010                                 | 4340   | 4670        |                                  |
| Y.YKS5006-8 | 560                       | 43.6                       |                       | 93.9                   |                                   |                                            |                                               |                                                 | 54.5                                  | 1025                                 | 4490   | 4840        |                                  |

表1 (续)

| 型 号<br>Type  | 额定功率<br>kW<br>Rated Power | 额定电流<br>A<br>Rated Current | 转 速<br>r/min<br>Speed | 效 率<br>%<br>Efficiency | 功率<br>因数<br>cos φ<br>Power Factor | 最大转矩<br>Max.torque | 堵转转矩<br>Locked torque | 堵转电流<br>Locked current | J(电机)<br>Kg·m <sup>2</sup><br>(Motor) | J(负载)<br>kg·m <sup>2</sup><br>(Load) | 质 量 kg |        | 加油周期<br>h<br>Lubrication<br>Time |             |      |      |
|--------------|---------------------------|----------------------------|-----------------------|------------------------|-----------------------------------|--------------------|-----------------------|------------------------|---------------------------------------|--------------------------------------|--------|--------|----------------------------------|-------------|------|------|
|              |                           |                            |                       |                        |                                   |                    | 额定转矩<br>Rated torque  | 额定转矩<br>Rated torque   | 额定电流<br>Rated current                 |                                      |        | Y Mass |                                  | YKS<br>Mass |      |      |
| Y.YKS5601-8  | 630                       | 47.0                       | 740                   | 94.4                   | 0.82                              | 1.8                | 0.7                   | 6.0                    | 71                                    | 1910                                 | 5300   | 5883   | 2000                             |             |      |      |
| Y.YKS5602-8  | 710                       | 52.8                       |                       | 94.6                   |                                   |                    |                       |                        | 78                                    | 2127                                 | 5480   | 6083   |                                  |             |      |      |
| Y.YKS5603-8  | 800                       | 59.5                       |                       | 94.7                   |                                   |                    |                       |                        | 83                                    | 2305                                 | 5610   | 6227   |                                  |             |      |      |
| Y.YKS5604-8  | 900                       | 66.8                       |                       | 94.8                   |                                   |                    |                       |                        | 89.8                                  | 2407                                 | 5790   | 6427   |                                  |             |      |      |
| Y.YKS6301-8  | 1000                      | 73.2                       |                       | 95.0                   | 130                               |                    |                       |                        | 2502                                  | 6630                                 | 7126   |        |                                  |             |      |      |
| Y.YKS6302-8  | 1120                      | 81.8                       |                       | 95.2                   | 140                               |                    |                       |                        | 2980                                  | 6600                                 | 7326   |        |                                  |             |      |      |
| Y.YKS6303-8  | 1250                      | 91.2                       |                       | 95.3                   | 155                               |                    |                       |                        | 3410                                  | 7350                                 | 8630   |        |                                  |             |      |      |
| Y.YKS5001-10 | 220                       | 19.0                       | 595                   | 91.8                   | 0.73                              | 1.8                | 0.7                   | 5.5                    | 45.5                                  | 877                                  | 3800   | 4142   | 3000                             |             |      |      |
| Y.YKS5002-10 | 250                       | 21.4                       |                       | 92.2                   |                                   |                    |                       |                        | 49                                    | 910                                  | 3900   | 4251   |                                  |             |      |      |
| Y.YKS5003-10 | 280                       | 23.6                       |                       | 92.4                   | 0.74                              |                    |                       |                        | 50                                    | 937                                  | 4250   | 4633   |                                  |             |      |      |
| Y.YKS5004-10 | 315                       | 26.5                       |                       | 92.6                   |                                   |                    |                       |                        | 53                                    | 1015                                 | 4450   | 4851   |                                  |             |      |      |
| Y.YKS5005-10 | 355                       | 29.4                       |                       | 92.8                   | 0.75                              |                    |                       |                        | 57                                    | 1150                                 | 4650   | 5069   |                                  |             |      |      |
| Y.YKS5006-10 | 400                       | 33.1                       |                       | 93.0                   |                                   |                    |                       |                        | 59                                    | 1225                                 | 4850   | 5287   |                                  |             |      |      |
| Y.YKS5601-10 | 450                       | 36.2                       |                       | 93.2                   | 0.77                              | 1.8                | 0.7                   | 6.0                    | 90                                    | 2235                                 | 5180   | 5698   |                                  |             |      |      |
| Y.YKS5602-10 | 500                       | 40.1                       |                       | 93.4                   |                                   |                    |                       |                        | 96                                    | 2542                                 | 5290   | 5819   |                                  |             |      |      |
| Y.YKS5603-10 | 560                       | 44.3                       |                       | 93.5                   | 0.78                              |                    |                       |                        | 99                                    | 2897                                 | 5510   | 6061   |                                  |             |      |      |
| Y.YKS5604-10 | 630                       | 49.8                       |                       | 93.7                   |                                   |                    |                       |                        | 105                                   | 3270                                 | 5700   | 6327   |                                  |             |      |      |
| Y.YKS5605-10 | 710                       | 56.0                       |                       | 93.9                   | 0.80                              |                    |                       |                        | 114                                   | 2345                                 | 5940   | 6527   |                                  |             |      |      |
| Y.YKS6301-10 | 800                       | 61.2                       |                       | 94.3                   |                                   |                    |                       |                        | 140                                   | 2510                                 | 6970   | 7248   |                                  |             |      |      |
| Y.YKS6302-10 | 900                       | 68.7                       |                       | 94.5                   |                                   |                    |                       |                        | 153                                   | 2842                                 | 6790   | 7537   |                                  |             |      |      |
| Y.YKS6303-10 | 1000                      | 76.3                       |                       | 94.6                   |                                   |                    |                       |                        | 165                                   | 3310                                 | 7040   | 7814   |                                  |             |      |      |
| Y.YKS6304-10 | 1120                      | 85.3                       |                       | 94.7                   | 183                               |                    |                       |                        | 4315                                  | 7290                                 | 8092   |        |                                  |             |      |      |
| Y.YKS5004-12 | 220                       | 19.5                       | 495                   | 91.7                   | 0.71                              |                    |                       |                        | 1.8                                   | 0.7                                  | 5.5    | 56     | 1350                             | 4100        | 4469 | 3000 |
| Y.YKS5005-12 | 250                       | 22.2                       |                       | 91.9                   |                                   |                    |                       |                        |                                       |                                      |        | 57     | 1722                             | 4200        | 4578 |      |
| Y.YKS5006-12 | 280                       | 22.4                       |                       | 92.1                   |                                   |                    |                       |                        |                                       |                                      |        | 59     | 1870                             | 4400        | 4796 |      |
| Y.YKS5601-12 | 315                       | 27.0                       |                       | 92.3                   | 0.73                              | 1.8                | 0.7                   | 6.0                    | 99                                    | 2305                                 | 5400   | 5886   |                                  |             |      |      |
| Y.YKS5602-12 | 355                       | 30.4                       |                       | 92.5                   |                                   |                    |                       |                        | 105                                   | 2582                                 | 5520   | 6017   |                                  |             |      |      |
| Y.YKS5603-12 | 400                       | 34.1                       |                       | 92.7                   |                                   |                    |                       |                        | 114                                   | 2622                                 | 5690   | 6259   |                                  |             |      |      |
| Y.YKS5604-12 | 450                       | 38.3                       |                       | 92.9                   |                                   |                    |                       |                        | 123                                   | 3085                                 | 5880   | 6409   |                                  |             |      |      |
| Y.YKS5605-12 | 500                       | 42.4                       |                       | 93.2                   | 0.74                              |                    |                       |                        | 126                                   | 3480                                 | 5960   | 6556   |                                  |             |      |      |
| Y.YKS6301-12 | 560                       | 46.7                       |                       | 93.5                   |                                   |                    |                       |                        | 140                                   | 4250                                 | 6720   | 7392   |                                  |             |      |      |
| Y.YKS6302-12 | 630                       | 52.5                       |                       | 93.7                   |                                   |                    |                       |                        | 152                                   | 4780                                 | 6990   | 7689   |                                  |             |      |      |
| Y.YKS6303-12 | 710                       | 59.0                       |                       | 93.9                   |                                   |                    |                       |                        | 160                                   | 5480                                 | 7230   | 7953   |                                  |             |      |      |
| Y.YKS6304-12 | 800                       | 66.2                       |                       | 94.3                   |                                   |                    |                       |                        | 183                                   | 6140                                 | 7640   | 8480   |                                  |             |      |      |

注：1、2极电机在订货时说明电机旋转方向。2、表1中电机质量为计算质量，与实际值有一定差异。

3、本样本更改，恕不另行通知，依制造厂产品为准。

Y系列10kV三相异步电动机（机座号400-630）外形图

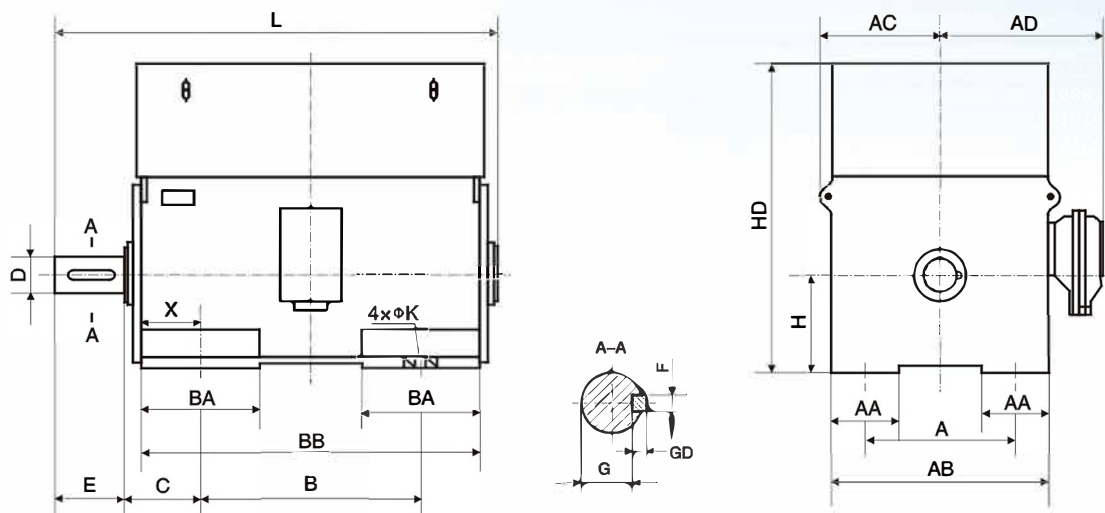


图1 Y400~630-2

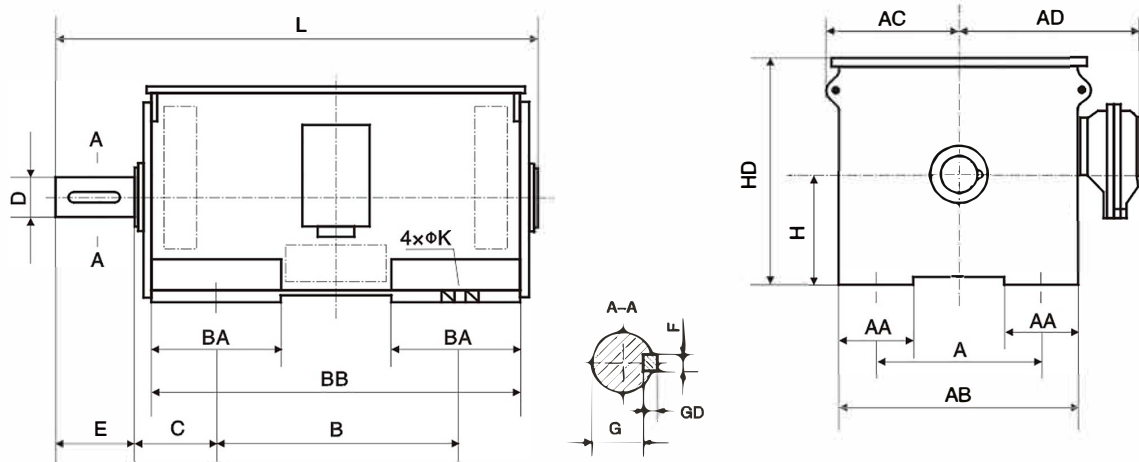


图2 Y400~450(4极及以上)

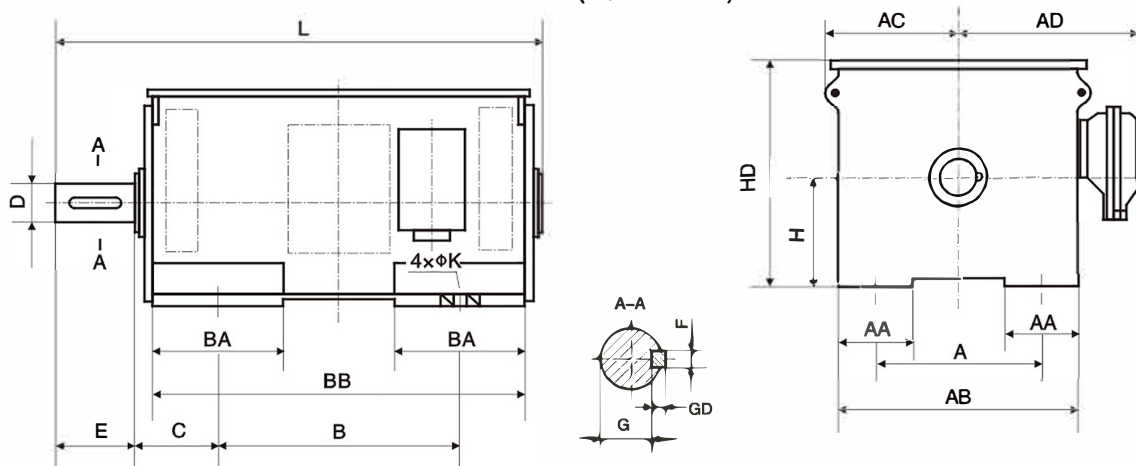


图3 Y500~630(4极及以上)

表2

| 机座号<br>Frame Size | 极数<br>Pole | 安装尺寸 Mounting Dimension(mm) |      |     |     |     |      |     |     |    |      | 外形尺寸 Contour Dimension (mm) |      |      |      |      |                  |      |      |                 |         | 型 号  |                                             |
|-------------------|------------|-----------------------------|------|-----|-----|-----|------|-----|-----|----|------|-----------------------------|------|------|------|------|------------------|------|------|-----------------|---------|------|---------------------------------------------|
|                   |            | A                           | B    | C   | D   | E   | F    | G   | H   | K  | GD   | AA                          | AB   | BA   | BB   | AC   | AD               | HD   | X    | L               |         |      |                                             |
| Y400              | 2          | 710                         | 1000 | 375 | 80  | 170 | 22   | 71  | 400 | 35 | 14   | 260                         | 910  | 560  | 1626 | 550  | 800              | 1195 | 313  | 1920            | -       |      |                                             |
|                   | 4~6        |                             |      | 335 | 100 | 210 | 28   | 90  |     |    | 16   | 275                         | 900  | 585  | 1680 | 560  | 895              | 850  | 255  | 2030            | -       |      |                                             |
| Y450              | 2          | 800                         | 1120 | 400 | 90  | 170 | 25   | 81  | 450 |    | 14   | 305                         | 1000 | 645  | 1810 | 605  | 970              | 1365 | 326  | 2120            | -       |      |                                             |
|                   | 4~6        |                             |      | 355 | 110 | 210 | 28   | 100 |     |    | 16   | 305                         | 1000 | 535  | 1660 | 610  | 800              | 925  | 270  | 2040            | -       |      |                                             |
| Y500              | 2          | 900                         | 1250 | 560 | 100 | 210 | 28   | 90  | 500 | 42 | 16   | 335                         | 1120 | 825  | 2160 | 685  | 1080             | 1700 | 385  | 2720            | -       |      |                                             |
|                   | 4          |                             |      | 120 | 32  |     | 109  | 18  |     |    | 335  | 1120                        | 655  | 1760 | 660  | 960  | 1050             | 365  | 2250 | -               |         |      |                                             |
|                   | 6~12       |                             |      | 130 |     | 119 | 2290 |     |     |    |      |                             |      |      |      |      |                  |      |      |                 |         |      |                                             |
| Y560              | 2          | 1000                        | 1400 | 560 | 130 | 250 | 32   | 119 | 560 |    | 18   | 390                         | 380  | 1260 | 793  | 2096 | 800              | 1100 | 1810 | 355             | 2740    |      |                                             |
|                   | 4          |                             |      | 150 | 36  |     | 138  | 20  |     |    | 700  | 1966                        |      |      | 760  | 910  | 1160             | 365  | 2430 | Y5601-4、Y5602-4 |         |      |                                             |
|                   | 6~12       |                             |      | 160 | 300 | 40  | 147  | 770 |     |    |      |                             |      |      |      |      |                  |      | 2106 | 2570            | Y5603-4 |      |                                             |
|                   |            |                             |      |     |     |     |      |     |     |    |      |                             |      |      |      |      |                  |      |      | 700             | 1966    | 2430 | Y5601~3-6、Y560-8~12                         |
|                   |            |                             |      |     |     |     |      |     |     |    |      |                             |      |      |      |      |                  |      |      |                 |         |      |                                             |
| Y630              | 2          | 1120                        | 1600 | 560 | 140 | 250 | 36   | 128 | 630 | 48 | 20   | 245                         | 1350 | 800  | 2235 | 810  | 1160             | 1990 | 366  | 2870            |         |      |                                             |
|                   | 4          |                             |      | 170 | 40  | 157 | 22   | 745 |     |    | 2124 | 785                         | 980  | 1300 | 385  | 2650 | Y6301-4, Y6302-4 |      |      |                 |         |      |                                             |
|                   | 6~12       |                             |      | 530 | 180 | 300 | 45   |     |     |    |      |                             |      |      | 165  | 25   | 360              | 1350 | 745  | 2124            | 430     | 2715 | Y6303-4                                     |
|                   |            |                             |      |     |     |     |      | 745 |     |    | 2124 |                             |      |      |      |      |                  |      |      |                 | 385     | 2650 | Y6301、2-6, Y630-8<br>Y6301、2-10, Y6301、2-12 |
|                   |            |                             |      |     |     |     |      | 800 |     |    | 2234 |                             |      |      |      |      |                  |      |      |                 | 430     | 2715 | Y6303-6, Y6303、4-10<br>Y6303、4-12           |
|                   |            |                             |      |     |     |     |      |     |     |    |      |                             |      |      |      |      |                  |      |      |                 |         |      |                                             |

注：1、Y500~630 2极为滑动轴承，其余为滚动轴承 2、外形安装尺寸仅供参考，订货时以厂家的外形图尺寸为准。

# YKS系列10kV

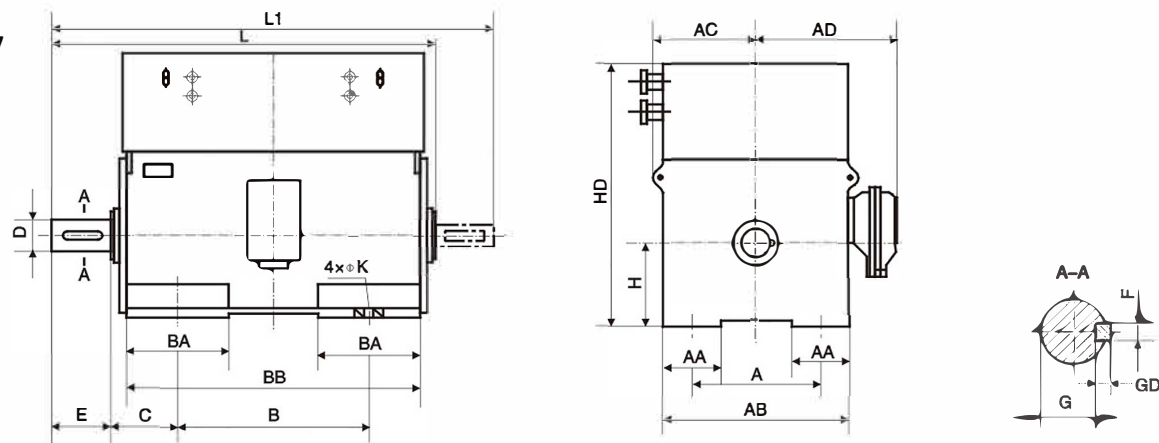


表3

| 机座号<br>Frame Size | 极数<br>Pole | 安装尺寸 Mounting Dimension(mm) |      |     |     |     |     |     |     |    |    | 外形尺寸 Contour Dimension (mm) |      |      |      |      |      |      |      |      |                     | 型 号  |                         |      |  |  |     |      |                                                   |
|-------------------|------------|-----------------------------|------|-----|-----|-----|-----|-----|-----|----|----|-----------------------------|------|------|------|------|------|------|------|------|---------------------|------|-------------------------|------|--|--|-----|------|---------------------------------------------------|
|                   |            | A                           | B    | C   | D   | E   | F   | G   | H   | K  | GD | AA                          | AB   | BA   | BB   | AC   | AD   | HD   | X    | L    |                     |      |                         |      |  |  |     |      |                                                   |
| YKS400            | 2          | 710                         | 1000 | 375 | 80  | 170 | 22  | 71  | 400 | 35 | 14 | 260                         | 910  | 560  | 1626 | 550  | 800  | 1195 | 313  | 1920 | —                   |      |                         |      |  |  |     |      |                                                   |
|                   | 4~6        |                             |      | 335 | 100 | 210 | 28  | 90  |     |    | 16 | 275                         | 900  | 585  | 1680 | 560  | 895  | 850  | 255  | 2030 | —                   |      |                         |      |  |  |     |      |                                                   |
| YKS450            | 2          | 800                         | 1120 | 400 | 90  | 170 | 25  | 81  | 450 |    | 14 | 305                         | 1000 | 645  | 1810 | 605  | 970  | 1365 | 326  | 2120 | —                   |      |                         |      |  |  |     |      |                                                   |
|                   | 4~6        |                             |      | 355 | 110 | 210 | 28  | 100 |     |    | 16 | 305                         | 1000 | 535  | 1660 | 610  | 800  | 925  | 270  | 2040 | —                   |      |                         |      |  |  |     |      |                                                   |
| YKS500            | 2          | 900                         | 1250 | 560 | 100 | 210 | 28  | 90  | 500 | 42 | 16 | 335                         | 1120 | 825  | 2160 | 685  | 1080 | 1700 | 385  | 2720 | —                   |      |                         |      |  |  |     |      |                                                   |
|                   | 4          |                             |      | 475 | 120 |     | 32  | 109 |     |    | 18 | 335                         | 1120 | 655  | 1760 | 660  | 960  | 1050 | 365  | 2250 | —                   |      |                         |      |  |  |     |      |                                                   |
|                   | 6~12       |                             |      |     | 130 |     | 119 |     |     |    |    |                             |      |      |      |      |      |      | 2290 |      |                     |      |                         |      |  |  |     |      |                                                   |
| YKS560            | 2          | 1000                        | 1400 | 560 | 130 | 250 | 32  | 119 | 560 |    | 18 | 390                         | 380  | 1260 | 793  | 2096 | 800  | 1100 | 1810 | 355  | 2740                |      |                         |      |  |  |     |      |                                                   |
|                   | 4          |                             |      | 500 | 150 |     | 36  | 138 |     |    | 20 | 700                         |      |      | 1966 | 760  | 910  | 1160 | 365  | 2430 | YKS5601-4、YKS5602-4 |      |                         |      |  |  |     |      |                                                   |
|                   | 6~12       |                             |      |     | 160 | 300 | 40  | 147 |     |    | 22 |                             |      |      |      |      |      |      |      | 700  | 1966                | 2430 | YKS5601~3-6、YKS560-8~12 |      |  |  |     |      |                                                   |
|                   |            |                             |      |     |     |     |     |     |     |    |    |                             |      |      |      |      |      |      |      |      |                     |      | 770                     | 2106 |  |  |     |      | 2570                                              |
| YKS630            | 2          | 1120                        | 1600 | 560 | 140 | 250 | 36  | 128 | 630 | 48 | 18 | 245                         | 1350 | 800  | 2235 | 810  | 1160 | 1990 | 366  | 2870 |                     |      |                         |      |  |  |     |      |                                                   |
|                   | 4          |                             |      | 530 | 170 | 300 | 40  | 157 |     |    | 22 | 360                         | 1350 | 745  | 2124 | 785  | 980  | 1300 | 385  | 2650 | YKS6301-4、YKS6302-4 |      |                         |      |  |  |     |      |                                                   |
|                   |            |                             |      |     |     |     |     |     |     |    |    |                             |      | 800  | 2234 |      |      |      | 430  | 2715 | YKS6303-4           |      |                         |      |  |  |     |      |                                                   |
|                   | 6~12       |                             |      |     |     |     |     |     |     |    |    |                             |      |      |      |      |      |      |      |      |                     | 745  | 2124                    |      |  |  | 385 | 2650 | YKS6301、2-6、YKS630-8<br>YKS6301、2-10、YKS6301、2-12 |
|                   |            |                             |      |     |     |     |     |     |     |    |    |                             |      |      |      |      |      |      |      |      |                     | 800  | 2234                    |      |  |  | 430 | 2715 | Y6303-6、 Y6303、4-10<br>Y6303、4-12                 |

注：1、YKS500~630-2极为滑动轴承，其余为滚动轴承 2、外形安装尺寸仅供参考，订货时以厂家的外形图尺寸为准。



**西玛电机厂内景及部分设备**



## 陕西利特西玛电机科技有限公司

电话：029-82513923

传真：029-82553722

邮箱：[sales@chinasimo.com](mailto:sales@chinasimo.com)

中文网址：[www.chinasimo.com](http://www.chinasimo.com)

英文网址：[www.motorsimo.com](http://www.motorsimo.com)

地址：陕西省西安市未央区明光路 159 号